

### ABSTRACT

5 A process for manufacturing slabs of stone material such as marble or granite, reinforced with reinforcing elements in particular made of steel and fixed to a rear surface of the slabs by a bonding resin of the hardening type. The resin is used to impregnate non-twisted strands of glass, preferably in the form of matting, in a percentage weight ratio of glass strands to resin of at least 50:50, with a preference for a quantity by weight of glass strands greater than 50%.